

Cromemco Software Update Service Note CDOS-3

Date: November 1, 1982

Product: DOS-L and DOS-S

Release: 10

Date production of this version began: Nov. 1, 1982 on 8"
Nov. 1, 1982 on 5"

First serial number with this version: 10-10000 on 8"
10-10000 on 5"

Summary:

This report lists the differences between CDOS version 02.54 and CDOS version 02.53

ENHANCEMENTS

Screen.com version 01.38

The Exit command now allows the user to exit and update the file on the floppy or hard disk **and continue editing** without ever leaving the editor. The Exit command gives the user three choices: Continue, Quit, and Update. Quit and Update operate as before in older versions. Continue will update the file on disk and return to the editor for more text processing on the same file. This feature should encourage frequent file updates so that a resent copy of the file exists at all times.

One substantial change to the Screen editor is the addition of the Names command. It prints the names of all files in the directory which do not end with:

- .com
- .rel
- .bak
- .\$\$0
- .\$\$1

The user may execute **Names** by typing the first character in its title, **n**. After typing **n**, the Names command displays the following in the upper left corner of the screen.

>Names: <ESCAPE> <RETURN> <Filename>

This line means the user has three options: to press the ESCAPE key, to press the RETURN key, or to type a filename, which may be ambiguous. (Ambiguous is used in the technical sense described in the CDOS Software Update Note - 1 and the CDOS manual pages 25 and 169.) If the user types ESCAPE, the Names command is aborted and the cursor returns to the position it occupied before the Names command was selected. If the user types RETURN, an alphabetical list of names of files in the directory is displayed on the screen. If the directory has more names than can fit at one time on the screen, then the following line of text will appear at the top of the screen:

>Names: Press ESCAPE to go back to editor, RETURN to Continue.

This means that the user may abort the Names command by pressing the ESCAPE key or see additional filenames from the directory by pressing the RETURN key. If the user presses RETURN, the file names will be displayed in alphabetical order again. However, the Names command only alphabetizes the files that can be displayed at one time. Each repeated display will list files beginning with A-Z. Eventually all files in the directory will be displayed and the message

>Names: Press ESCAPE to go back to editor

will appear.

Some files displayed by the Names command may not be text files and can not be processed by the editor. There is nothing physically to prevent a user from attempting to process nontext files. The user must exercise caution to avoid processing these files.

The old @ command (set marker) is now spelled at. Both @ and a execute the At command.

XCHNG is now spelled XCHANGE. ESC is now ESCAPE. CR is RETURN.

ZAP appears on the second page of commands.

An improved Substitute command allows the user to type any alphabetic or numeric character before typing q for the query function. Before, if the user typed s for substitute and then an alphanumeric character other than q, they could not select the q for query. Any valid delimiter such as '/' or

'.' will prevent the user from selecting **q** for query. As in previous versions, after a delimiter has been typed the user must type ESCAPE and re-enter the Substitute command in order to select the query function.

Changes to the Beautify command are similiar to the Substitute command described above. The Beautify command now allows the user to type alphanumerics then type **j** for justify without canceling the ability to type **j** for justify.

The editor reports that it cannot find a file whenever the user attempts to Read a nonexistent file. Formerly, the editor displayed the message for several seconds and the user was unable to shorten the wait. Now the user may press the ESCAPE key to resume editing immediately.

Init.com version 2.77

When Init version 2.76 was executed under the Cromix™ Operating System to initialize a hard disk in CDOS format, it would place the directory label incorrectly. This problem has been fixed. However, Init executed under the Cromix Operating System does not write the CDOS bitmap back to the hard disk. The user must run the Stat utility under CDOS to correct the bitmap on the hard disk **before** any other programs are run.

The motor-on delay for floppies has been changed to 2.4 seconds, for increased reliability.

Tandon Drives

CDOS now works on systems with 8" Tandon drives.

CORRECTIONS

Cdos.com version 02.54

The WDI-II board assigns a random value to port E1 at the beginning of operation. CDOS now outputs a 0 to port E1 to insure proper functioning of the operating system.

A problem existed in CDOS which caused a system with an 11 megabyte hard disk to report a disk full error when in fact the disk contained only about 8.3 megabytes of information. This has been corrected.

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Cdosgen.com version 02.54

With the existence of both 8" Tandon and Persci drives in Cromemco systems, Cdosgen asks fewer questions. For example, it no longer asks if the system has single or dual drives. The user does not have 'voice coil' as an option in the seek speed question.

KNOWN PROBLEMS

None.

Version Summary of CDOS release 10:

Cdos.com	version 02.54
Cdosgen.com	version 02.54
@.com	version 02.01
Dump.com	version 02.02
Edit.com	version 00.10
Init.com	version 02.77
Screen.com	version 01.38
Stat.com	version 02.20
Wrtsys.com	version 02.01
Xfer.com	version 02.05